

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*
Serial No. 09/724,726
Filed: November 28, 2000
For: *ARTIFICIAL CHROMOSOMES,
USES THEREOF AND METHODS
FOR PREPARING ARTIFICIAL
CHROMOSOMES*
Art Unit: Unassigned
Examiner: Unassigned

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith, via hand delivery, are an Information Disclosure Statement, Forms PTO-1449 (28 pages), cited references and a Change of Address Form for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

[X] The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

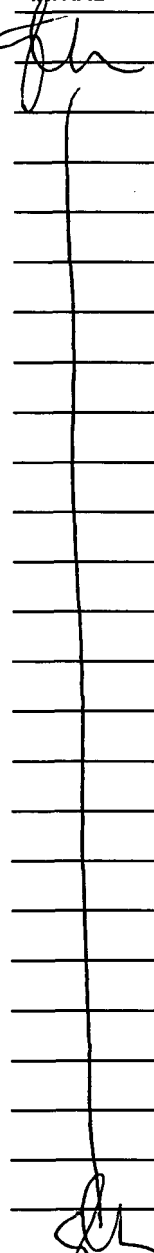
Respectfully submitted,
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By: 
Stephanie L. Seidman
Registration No. 33,779

Dated: May 14, 2001
Attorney Docket No. 24601-402E
Address all correspondence to:
Stephanie L. Seidman, Esq.
HELLER, EHRMAN, WHITE & McAULIFFE LLP
4350 La Jolla Village Drive, Suite 600
San Diego, CA 92122-1246
Telephone: (858) 450-8400
Facsimile: (858) 587-5360
EMAIL: sseidman@hewm.com

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	4	4	4	1	9	7	2	4/10/84	Pohl,	204	180	4/8/83
	B	4	4	7	6	0	0	4	10/09/84	Pohl,	204	299	10/26/83
	C	4	5	1	8	5	8	4	5/21/85	Mark <i>et al.</i>	424	85	12/20/83
	D	4	6	0	8	3	3	9	8/26/86	Yoakum <i>et al.</i>	435	172.2	10/25/83
	E	4	6	8	4	6	1	1	8/4/87	Schilperoort <i>et al.</i>	435	172.3	7/29/85
	F	4	6	8	6	1	8	6	8/11/87	Sugden	435	243	9/26/84
	G	4	7	8	4	7	3	7	11/15/88	Ray <i>et al.</i>	204	180.1	4/18/86
	H	4	8	0	6	4	7	6	2/21/89	Coons <i>et al.</i>	435	172.2	8/13/85
	I	4	8	7	3	1	9	1	10/10/89	Wagner <i>et al.</i>	435	172.3	8/18/86
	J	4	8	7	3	3	1	6	10/10/89	Meade, <i>et al.</i>	530	412	6/23/87
	K	4	9	0	6	5	7	6	3/06/90	Marshall, III	435	287	5/8/87
	L	4	9	2	3	8	1	4	5/8/90	Marshall, III	435	173	4/26/89
	M	4	9	3	5	3	5	0	6/19/90	Patel <i>et al.</i>	435	69.4	11/18/85
	N	4	9	4	6	9	5	2	8/7/90	Kiefer	536	27	4/1/88
	O	4	9	5	5	3	7	8	9/11/90	Grasso	128	421	1/17/89
	P	4	9	7	0	1	6	2	11/13/90	Aksamit	435	240.26	11/13/85
	Q	4	9	9	7	7	6	4	3/5/91	Dalla Favera	435	240.27	4/23/87
	R	5	0	1	9	0	3	4	5/28/91	Weaver <i>et al.</i>	604	20	3/20/89
	S	5	0	2	1	3	4	4	6/4/91	Armau <i>et al.</i>	435	172.3	8/30/85
	T	5	0	6	3	1	6	2	11/5/91	Kiefer	435	270	5/9/90
	U	5	1	1	8	6	2	0	6/2/92	Armau <i>et al.</i>	435	172.3	3/1/91
	V	5	1	4	4	0	1	9	9/1/92	Rossi <i>et al.</i>	536	27	6/21/89
	W	5	1	4	9	7	9	6	9/22/92	Rossi <i>et al.</i>	536	27	4/30/91
	X	5	1	6	2	2	1	5	11/10/92	Bosselman <i>et al.</i>	435	172.3	9/22/88
	Y	5	2	1	5	9	1	4	6/1/93	Lo <i>et al.</i>	435	253.1	12/2/91

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

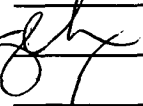
"***" indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	Z	5	2	2	3	2	6	3	6/29/93	Hostetler <i>et al.</i>	424	4450	6/28/89
	AA	5	2	4	0	8	4	0	8/31/93	Feinberg <i>et al.</i>	435	172.3	4/5/91
	AB	5	2	4	0	8	4	6	8/31/93	Collins <i>et al.</i>	435	240.1	9/18/90
	AC	5	2	6	0	1	9	1	11/9/93	Yang	435	6	1/30/92
	AD	5	2	6	6	6	0	0	11/30/93	Tenmyo <i>et al.</i>	514	691	10/30/92
	AE	5	2	7	2	2	6	2	12/21/93	Rossi <i>et al.</i>	536	23.2	10/19/90
	AF	5	2	8	8	6	2	5	2/22/94	Hadlaczky	435	172.2	9/13/91
	AG	5	2	9	2	6	5	8	3/8/94	Cormier <i>et al.</i>	435	252.33	6/17/93
	AH	5	2	9	8	4	2	9	3/29/94	Evans <i>et al.</i>	436	501	12/10/91
	AI	5	3	0	0	4	3	1	4/5/94	Pierce <i>et al.</i>	435	172.3	2/26/91
	AJ	5	3	2	4	6	5	5	6/28/94	Kriegler <i>et al.</i>	435	240.2	2/18/92
	AK	5	3	5	4	6	7	4	10/11/94	Hodgson	435	172.3	10/29/92
	AL	5	3	5	8	8	6	6	10/25/94	Mullen <i>et al.</i>	435	240.2	7/3/91
	AM	5	3	6	4	7	6	1	11/15/94	Ariga	435	6	11/5/92
**	AN	5	3	8	7	7	4	2	02/07/95	Cordell	800	2	06/17/91
	AO	5	3	9	6	7	6	7	3/14/95	Suzuki	60	298	2/8/93
	AP	5	4	0	9	8	1	0	4/25/95	Larder <i>et al.</i>	435	5	12/1/92
	AQ	5	4	1	3	9	1	4	5/9/95	Franzusoff	435	23	7/7/93
	AR	5	4	1	8	1	5	5	5/23/95	Cormier <i>et al.</i>	435	189	12/14/93
	AS	5	4	2	4	4	0	9	6/13/95	Ely <i>et al.</i>	536	23.71	9/29/89
	AT	5	4	3	4	0	8	6	7/18/95	Collins <i>et al.</i>	436	125	12/9/93
**	AU	5	4	3	4	3	4	0	07/18/95	Krimpenfort <i>et al.</i>	800	2	07/27/92
	AV	5	4	3	6	3	9	2	7/25/95	Thomas <i>et al.</i>	800	205	12/21/92
	AW	5	4	4	9	6	0	4	9/12/95	Schellenberg <i>et al.</i>	435	6	10/21/92
	AX	5	4	5	3	3	5	7	9/26/95	Hogan	435	7.21	10/8/92

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
gh	AY	5	4	5	7	1	8	2	10/10/95	Weiderrecht <i>et al.</i>	530	402	2/15/94
	AZ	5	4	6	1	0	3	2	10/24/95	Krapcho <i>et al.</i>	514	12	3/18/94
	BA	5	4	6	8	6	1	5	11/21/95	Chio <i>et al.</i>	435	7.2	7/1/93
	BB	5	4	6	8	6	3	4	11/21/95	Liu	435	240.2	1/13/95
	BC	5	4	7	0	7	0	8	11/28/95	Yang <i>et al.</i>	435	6	4/2/93
	BD	5	4	7	0	7	3	0	11/28/95	Greenberg <i>et al.</i>	435	172.3	8/8/94
	BE	5	4	8	2	9	2	8	1/9/96	De Bolle <i>et al.</i>	514	12	3/10/92
	BF	5	4	8	9	5	2	0	2/6/96	Adams <i>et al.</i>	435	172.3	4/26/94
	BG	5	4	9	1	0	7	5	2/13/96	Desnick <i>et al.</i>	435	69.7	6/17/94
**	BH	5	4	9	1	2	8	3	02/13/96	Groffen <i>et al.</i>	800	2	01/14/93
	BI	5	4	9	6	7	3	1	3/5/96	Xu <i>et al.</i>	435	320.1	3/25/93
	BJ	5	5	0	1	6	6	2	3/26/96	Hofmann	604	20	9/12/94
	BK	5	5	0	1	9	6	7	3/26/96	Offringa <i>et al.</i>	435	172.3	7/6/93
	BL	5	5	0	3	9	9	9	4/2/96	Jilka <i>et al.</i>	435	172.3	1/3/95
	BM	5	5	4	3	3	1	9	08/06/96	Fournier <i>et al.</i>	415	354	03/31/95
**	BN	5	7	1	2	1	3	4	01/27/98	Hadlaczky	435	465	1/19/95
	BO	5	7	2	1	1	1	8	02/24/98	Scheffler	435	69.1	10/29/96
**	BP	5	8	9	1	6	9	1	04/06/99	Hadlaczky	435	465	10/21/96
	BQ	6	0	2	5	1	5	5	02/15/00	Hadlaczky <i>et al.</i>	435	69.1	08/07/96
	BR	6	0	7	7	6	9	7	06/20/00	Hadlaczky <i>et al.</i>	435	6	07/15/96
**	BS	6	1	3	3	5	0	3	10/17/00	Scheffler	800	21	02/17/98

DR. GEORGIA HELM

EXAMINER

DATE CONSIDERED

1/18/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

"**" indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Hadlaczky, *et al.*FILING DATE
November 28, 2000GROUP
Unassigned

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation	
													Yes	No
gl	BT	0	2	4	0	3	7	3	10/7/87	EP	--	--	X	
	BU	0	2	5	4	3	1	5	1/27/88	EP A2	--	--		
	BV	0	2	5	4	3	1	5	1/17/88	EP A3	--	--		
	BW	0	2	5	4	3	1	5	1/27/88	EP B1	--	--		
	BX	0	3	5	0	0	5	2	1/10/90	EP	A01K 67	02		
	BY	0	3	7	5	4	0	6	6/27/90	EP A2	--	--		
	BZ	0	3	7	5	4	0	6	6/27/90	EP	A01K 67	027		
	CA	0	4	7	3	2	5	3	3/4/92	EP	C12N 15	85		
	CB	0	5	3	2	0	5	0	9/14/92	EP A2	--	--		
	CC	9	1	0	0	3	5	8	1/10/91	PCT	C12N 15	87		
	CD	9	2	1	4	8	1	9	9/3/92	PCT	--	--		
	CE	9	2	1	7	5	8	2	10/15/92	PCT	--	--		
**	CF	9	3	2	5	5	6	7	12/23/93	PCT	--	--		
	CG	9	4	1	9	4	5	6	9/1/94	PCT	C12N 5	0.00		
	CH	9	4	2	3	0	4	9	10/13/94	PCT	--	--		
	CI	9	4	2	4	3	0	0	10/27/94	PCT	--	--		X
	CJ	9	5	0	0	1	7	8	1/5/95	PCT	A61K 48	0.00		
	CK	9	5	0	7	6	4	3	3/23/95	PCT	A47C 7	20		
	CL	9	5	1	4	7	6	9	6/1/95	PCT	C12N 5	00		
	CM	9	5	2	0	0	4	4	7/27/95	PCT	C12N	15		
	CN	9	5	2	9	9	9	2	11/9/95	PCT	--	--		
	CO	9	5	3	2	2	9	7	11/30/95	PCT	--	--		
✓	CP	9	6	4	0	9	6	5	12/19/96	PCT	--	--		
	CQ	9	7	0	7	6	6	8	03/06/97	PCT	--	--		
gl	CR	9	7	0	7	6	6	9	03/06/97	PCT	--	--		

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03
DR. GEORGIA HELMER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
<i>fl</i>	CS	9	7	1	6	5	3	3	05/09/97	PCT	--	--		
<i>** fl</i>	CT	9	7	4	0	1	8	3	10/30/97	PCT	--	--		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>fl</i>	CU	"Guide to Techniques in Mouse Development", <i>Methods in Enzymology</i> 25:803-932, (1993).
	CV	"Transfection of DNA into eukaryotic cells", <i>Current Protocols in Molecular Biology</i> , Vol. 1, Wiley Inter-Science, Supplement 14, Unit 9.1.1-9.1.9, (1990).
	CW	"Why are MACs in vogue", <i>Chromos Molecular Systems - News Release</i> (May 29, 1996), (available at http://www.chromos.com/contents.html)
	CX	Albrecht, <i>et al.</i> , "Cationic lipid mediated tranfer of c-abl and bcr antisense oligonucleotides to immature normal myeloid cells: Uptake, biological effects and modulation of gene expression*", <i>Ann Hematol</i> 72:73-79, (1996).
	CY	Baker, <i>et al.</i> , "Suppression of human colorectal carcinoma cell growth by wild-type p53", <i>Science</i> 249:912-915, (1990).
	CZ	Barnett <i>et al.</i> , Telomere directed fragmentation of mammalian chromosomes, <u>Nucleic Acids Res.</u> 21 (1): 27-36 (1993)
	DA	Bartholdi, <i>et al.</i> , Chromosome sorting by flow cytometry, <u>Meth. Enzy.</u> , 151:253-267, 1987
	DB	Beck von Bodman, <i>et al.</i> , "Expression of multiple eukaryotic cells from a single promoter," in <i>Nicotina</i> , <i>Bio/Technology</i> 13:587-591, (1995).
	DC	Biggin, <i>et al.</i> , "Buffer gradient gels and ³⁵ S label as an aid to rapid DNA sequence determination", <i>Proc. Natl. Acad. Sci. USA</i> , 80:3963-3965, (1983).
	DD	Blackburn, <i>et al.</i> , "The molecular structure of centromeres and telomeres", <i>Ann. Rev. Biochem.</i> , 53:163-194, (1984).
<i>fl</i>	DE	Blattner, <i>et al.</i> , "Charon phages: Safer derivatives of bacteriophage lambda for DNA cloning", <i>Science</i> 196:16, (1977).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

df	DF	Blennow, <i>et al.</i> , Swedish survey on extra structurally abnormal chromosomes in 39 105 consecutive prenatal diagnoses: Prevalence and characterization by fluorescence <i>in situ</i> hybridization, <u>Prenatal Diagnosis</u> , 14:1019-1028, 1994
	DG	Blumenthal, <i>et al.</i> , Rapid isolation of metaphase chromosome containing high molecular weight DNA, <u>J. Cell Biol.</u> , 81:255-259, 1979
	DH	Bostock and Clark, "Satellite DNA in large marker chromosomes of methotrexate-resistant mouse cells", <u>Cell</u> 19: 709-715, (1980).
	DI	Bostock and Christie, "Analysis of the frequency of sister chromatid exchange in different regions of chromosomes of the Kangaroo rat," (<i>Dipodomys ordii</i>), <u>Chromosoma</u> 56: 275-287, (1976).
	DJ	Bower, "Constructing a fully defined human minichromosome: Cloning a centromere", <u>Proc. 4th Eur. Congress Biotechnol.</u> 3:571, (1987).
	DK	Brazolot, <i>et al.</i> , "Efficient transfection of chicken cells by lipofection and introduction of transfected blastoderm cells into the embryo", <u>Mol. Repro. Dev.</u> 30:304-312, (1993).
	DL	Brewer and Fangman, "The localization of replication origins on ARS plasmids", in <u>S. cerevisiae</u> , <u>Cell</u> 51:463-471, (1987).
**	DM	Brinster <i>et al.</i> , Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs, <u>Proc. Natl. Acad. Sci. USA</u> 82:4438-4442 (1985).
	DN	Brisson and Hohn, "[27] Plant virus vectors: Cauliflower mosaic vectors", <u>Methods for Plant Molecular Biology</u> , Weissbach <i>et al.</i> , eds., Academic Press, N.Y., Section VIII, pp. 437-446, (1988).
	DO	Brondum-Nielsen and Mikkelsen, A 10-year survey, 1980-1990, of prenatally diagnosed small supernumerary marker chromosomes, indentified by fish analysis. Outcome and follow-up of 14 cases diagnosed in a series of 12 699 prenatal samples, <u>Prenatal Diagnosis</u> , 15:615-619, 1995
**	DP	Brown <i>et al.</i> , Artificial chromosomes: ideal vectors? <u>TIBTECH</u> 18:218-223 (May, 2000).
	DQ	Brown <i>et al.</i> , Mammalian artificial chromosomes, <u>Current Opinion: Genetics and Devt.</u> 6: 281-288 (1996).
	DR	Brown, "Mammalian artificial chromosomes", <u>Curr. Opin. Genes Dev.</u> 2:479-486, (1992).
**	DS	Bühler <i>et al.</i> , Rabbit β -Casein Promoter Directs Secretion of Human Interleukin-2 into the Milk of Transgenic Rabbits, <u>Bio/Technology</u> 8:140-143 (1990).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03



EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DT	Bullock and Botchan, "Molecular events in the excision of SV40 DNA from the chromosomes of cultured mammalian cells," In: <i>Gene Amplification</i> , Schimke RT, ed. Cold Spring Harbor, NY: Cold Spring Harbor Laboratory Press, pp 215-224, (1982).
	DU	Burhans and Huberman, "DNA replication origins in animal cells - a question of context?" <i>Science</i> 263: 639-640, (1994).
	DV	Burhans <i>et al.</i> , "Identification of an origin of bidirectional DNA replication in mammalian chromosomes", <i>Cell</i> 62:955-965, (1990).
	DW	Burke, <i>et al.</i> , "Cloning of large segments of exogenous DNA into yeast by means of artificial chromosome vectors", <i>Science</i> , 236:806-812, (1987).
	DX	Burki, <i>et al.</i> , Zonal fractionation of mammalian metaphase chromosomes and determination of their DNA content, <i>Prep. Bioch.</i> , 3(2):157-182, 1973
**	DY	Calos, M.P., The Potential of Extrachromosomal Replicating Vectors for Gene Therapy, <i>TIG</i> 12(11):463-66 (1996).
	DZ	Carine, <i>et al.</i> , "Chinese hamster cells with a minichromosome containing centromere region of human chromosome 1", <i>Somatic Cell Molec. Genet.</i> 12:479-491, (1986).
	EA	Carine, <i>et al.</i> , "Molecular characterization of human minichromosomes with centromere from chromosome 1 in hamster-human hybrids", <i>Somatic Cell Molec. Genet.</i> 15(5):445-460, (1989).
	EB	Carrano and Wolff, "Distribution of sister chromatid exchanges in the euchromatin and heterochromatin of the Indian muntjac", <i>Chromosoma</i> 53:361-369, (1975).
	EC	Carrano, <i>et al.</i> , Measurement and purification of human chromosomes by flow cytometry and sorting, <i>Proc. Natl. Acad. Sci. USA</i> , 76(3):1382-1384, 1979
	ED	Carsience, <i>et al.</i> , "Germline chimeric chickens from dispersed donor blastodermal cells and compromised recipient embryos", <i>Develop</i> 117:669-675, (1993).
	EE	Chalfie, <i>et al.</i> , "Green fluorescent protein as a marker for gene expression", <i>Science</i> 263:802-804, (1994).
	EF	Chang, <i>et al.</i> , "Ribozyme-mediated site-specific cleavage of the HIV-1 genome", <i>Clin. Biotech.</i> 2:23-31, (1990).
✓	EG	Chen, <i>et al.</i> , "Genetic mechanism of tumor suppression by the human p53 gene", <i>Science</i> 250:1576, (1990).
	EH	Chen, <i>et al.</i> , "High-efficiency transformation of mammalian cells by plasmid DNA", <i>Mol. Cell. Biol.</i> 7:2745-2752, (1987).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

11/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

f	EI	Chick, <i>et al.</i> , "Beta cell culture on synthetic capillaries: an artificial endocrine pancreas", Elliot P. Joslin Research Laboratory, Harvard Medical School, p. 847-849, (1975).
	EJ	Chikashige <i>et al.</i> , "Composite motifs and repeat symmetry in <i>S. pombe</i> centromeres: Direct analysis by integration of NotI restriction sites", <i>Cell</i> 57:739-751, (1989).
	EK	Chisari <i>et al.</i> , A transgenic mouse model of the chronic hepatitis B surface antigen carrier state, <i>Science</i> 230: 1157-1160 (1985).
**	EL	Choo, K.H.A., Turning on the centromere, <i>Nature Genetics</i> 18: 3-4 (1998).
	EM	Church, "Replication of chromatin in mouse mammary epithelial cells grown <i>in vitro</i> ," <i>Genetics</i> 52: 843-849, (1965).
	EN	Clarke, <i>et al.</i> , "The structure and function of yeast centromeres", <i>Ann. Rev. Genet.</i> 19:29-56, (1985).
	EO	Coffman, <i>et al.</i> , <i>In Vitro</i> replication of plasmids containing human ribosomal gene sequences: Origin localization and dependence on an aprotinin-binding cytosolic protein, <i>Exp. Cell Resh.</i> , 209:123-132, 1993
	EP	Colbère-Garapin, <i>et al.</i> , "A new dominant hybrid selective marker for higher eukaryotic cells", <i>J. Mol. Biol.</i> 150:1-14, (1981).
	EQ	Collard, <i>et al.</i> , Separation and analysis of human chromosomes by combined velocity sedimentation and flow sorting applying single- and dual-laser flow cytometry, <i>Cytometry</i> , 5:9-19, 1984
	ER	Collins and Newlon, "Chromosomal DNA replication initiates at the same origins in meiosis and mitosis", <i>Mol Cell Biol</i> 14:3524-3534, (1994).
	ES	Conte <i>et al.</i> , Characterization of two extreme variants involving the short arm of chromosome 22: are they identical?, <i>Variant Chromosome</i> 40(3):145-149 (1997).
	ET	Cooke, Non-programmed and engineered chromosome breakage, <i>Cold Spring Harbor Monograph Series</i> 29: 219-245 (1995)
	EU	Cooper and Tyler-Smith, "The putative centromere-forming sequence of ACM8 is a single copy sequence and is not a component of most human centromeres", <i>Hum. Mol. Gen.</i> 1(9):753-754, (1992).
	EV	Couto, <i>et al.</i> , "Inhibition of intracellular <i>histoplasma capsulatum</i> replication by murine macrophages that produce human defensin", <i>Infect. Immun.</i> 62:2375-2378, (1994).
f	EW	Cram, <i>et al.</i> , "Polyamine buffer for bivariate human flow cytogenetic analysis and sorting", <i>Methods in Cell Biology</i> 33:377-382, (1990).

EXAMINER

DR. GEORGIA HELMES

DATE CONSIDERED

11/10/03

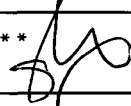
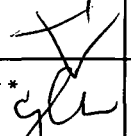
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

** 	EX	Cram <i>et al.</i> , "XVII meeting of the International Society for Analytical Cytology, Tutorial IV", <u>Chromosome Analysis and Sorting with Commercial Flow Cytometers</u> (1994)
	EY	Cram, <i>et al.</i> , Univariate analysis of metaphase chromosomes using the hypotonic potassium chloride-propidium iodide protocol, <u>Meth. Cell Biol.</u> , <u>33</u> :369-376, 1990
	EZ	Cross <i>et al.</i> , The structure of subterminal repeated sequence present on many human chromosomes, <u>Nucleic Acids Res.</u> <u>18</u> (22): 6649 - 6657 (1990)
**	FA	Crystal, R.G., Transfer of Genes to Humans: Early Lessons and Obstacles to Success, <u>Science</u> <u>270</u> :404-410 (1995).
	FB	Current state of the art, <i>Chromos Molecular Systems - News Release</i> (May 29, 1996) (available at http://www.chromos.com/contents.html)
	FC	Cuthbert <i>et al.</i> , Construction and characterization of a highly stable human:rodent monochromosomal hybrid panel for genetic complementation and genome mapping studies, <u>Cytogenet Cell Genet</u> <u>71</u> :68-76 (1995).
	FD	Cutler, "Electroporation: Being developed to transform crops", <i>Ag Biotechnology News</i> <u>7</u> :3, (September/October 1990).
	FE	Davidson, <i>et al.</i> , "Improved techniques for the induction of mammalian cell hybridisation by polyethylene glycol", <u>Somatic Cell. Genet.</u> <u>2</u> :165-176, (1976).
	FF	Dean, <i>et al.</i> , "Multiple mutations in highly conserved residues are found in mildly affected cystic fibrosis patients", <u>Cell</u> <u>61</u> :863-870, (1990).
	FG	DePamphilis, "Eukaryotic DNA replication: Anatomy of an origin", <u>Annu. Rev. Biochem.</u> <u>62</u> :29-63, (1993).
	FH	Depinet <i>et al.</i> , Characterization of neo-centromeres in marker chromosomes lacking detectable alpha-satellite DNA, <u>Human Molecular Genetics</u> <u>6</u> (8):1195-1204 (1997).
	FI	Dhar, <i>et al.</i> , "Transfer of Chinese Hamster Chromosome 1 to Mouse Cells and Regional Assignment of 7 Genes: A Combination of Gene Transfer and Microcell Fusion", <u>Somatic Cell and Molecular Genetics</u> , <u>10</u> (6):547-559, (1984).
**	FJ	Dickson <i>et al.</i> , Human ribosomal DNA: conserved sequence elements in a 4.3-kb region downstream from the transcription unit, <u>Gene</u> <u>84</u> :197-200 (1989)
	FK	Dieken, <i>et al.</i> , "Efficient modification of human chromosomal alleles using recombination-proficient chicken/human microcell hybrids", <u>Nature Genet.</u> <u>12</u> :174-182, (1996).
** 	FL	Drohan, Transgenic Animals: "Great and Small," <u>Journal of Cellular Biochemistry</u> <u>49</u> :111-112 (1992).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

11/8/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

sh	FM	Dunckley, <i>et al.</i> , "Retroviral-mediated transfer of a dystrophin minigene into <i>mdx</i> mouse myoblasts in vitro", <i>FEBS Lett.</i> 296:128-34, (1992).
**	FN	Ebert <i>et al.</i> , Transgenic Production of a Variant of Human Tissue-type Plasminogen Activator in Goat Milk: Generation of Transgenic Goats and Analysis of Expression, <i>Bio/Technology</i> 9:835-838 (1991).
	FO	Eissenberg and Elgin, Boundary functions in the control of gene expression, <i>Trends in Genet.</i> , 7(10):335-340, 1991
	FP	Erlich, <i>et al.</i> , "Recent advances in the polymerase chain reaction", <i>Science</i> 252:1643-1651, (1991).
	FQ	Etches, <i>et al.</i> , "Chimeric chickens and their use in manipulation of the chicken genome", <i>Poultry Sci.</i> 72:882-889, (1993).
**	FR	Eyestone, Production and breeding of transgenic cattle using in vitro embryo production technology, <i>Theriogenology</i> 51:509-517 (1999).
**	FS	Fabb <i>et al.</i> , Generation of novel human MHC class II mutant B-cell lines by integrating YAC DNA into a cell line homozygously deleted for the MHC class II region, <i>Human Molecular Genetics</i> 6(8): 1295-1304 (1997).
	FT	Fangman and Brewer, "A question of time: replication origins of eukaryotic chromosomes", <i>Cell</i> 71: 363-366, (1992).
	FU	Farr, <i>et al.</i> , "Generation of a human X-derived minichromosome using telomere-associated chromosome fragmentation", <i>EMBO J.</i> 14:5444-5454, (1995).
	FV	Farr, Mammalian telomeres and chromosome fragmentation, <i>Cell Devtl. Biol.</i> 7: 41-48 (1996)
	FW	Farrel, <i>et al.</i> , "p53 is frequently mutated in Burkitt's lymphoma cell lines", <i>EMBO J.</i> 10:2879-2887, (1991).
	FX	Fátyol, <i>et al.</i> , "Cloning and molecular characterization of a novel chromosome specific centromere sequence of Chinese hamster", <i>Nucl. Acids Res.</i> 22:3728-3736, (1994).
**	FY	Featherstone and Huxley, Extrachromosomal maintenance and amplification of yeast artificial chromosomes, <i>Genomics</i> 17:267-278 (1993)
	FZ	Fechheimer, <i>et al.</i> , "Transfection of mammalian cells with plasmid DNA by scrape loading and sonication loading", <i>Proc. Natl. Acad. Sci. USA</i> 84:8463-8467, (1987).
** sh	GA	Financsek <i>et al.</i> , Human ribosomal RNA gene: Nucleotide sequence of the transcription initiation region and comparison of three mammalian genes, <i>Proc. Natl. Acad. Sci.</i> 79:3092-3096 (1982)

EXAMINER

DR. GEORGIA HE

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

flu	GB	Ford and Fried, "Large inverted duplications are associated with gene amplification", <i>Cell</i> 45:425-430, (1986).
	GC	Fournier, "A general high-efficiency procedure for production of microcell hybrids", <i>Proc. Natl. Acad. Sci. USA</i> 78:6349-6353, (1981).
	GD	Fowler, <i>et al.</i> , "Donor lymphoid cells of th2 cytokine phenotype reduce lethal graft versus host disease and facilitates fully allogeneic cell transfers in sublethally irradiated mice", <i>Advances in Bone Marrow Purging and Processing: Fourth International Symposium</i> , p. 533-540, (1994).
	GE	Frasier, <i>et al.</i> , "Efficient incorporation of transfected blastodermal cells into chimeric chicken embryos", <i>Int. J. Dev. Biol.</i> 37:381-385, (1993).
	GF	French, <i>et al.</i> , "Construction of a retroviral vector incorporating mouse VL30 retrotransposon-derived, transcriptional regulatory sequences", <i>Anal. Biochem.</i> 228:354-355, (1995).
	GG	Frohman and Martin, "Cut, paste, and save: new Approaches to altering specific genes in mice", <i>Cell</i> 56:145-147, (1989).
	GH	Fromm, <i>et al.</i> , "Expression of genes transferred into monocot and dicot plant cells by electroporation", <i>Proc. Natl. Acad. Sci. USA</i> 82:5824-5828, (1985).
	GI	Fu <i>et al.</i> , Molecular cytogenetic study of an extra small chromosome, (CHINA), <i>Medline Abstract:93103732</i> 19(4):294-297 (1992).
	GJ	Garside <i>et al.</i> , A method for karyotyping mouse blastocyst embryos developing from in vivo and in vitro fertilized eggs, <i>Experientia</i> 41:1183-1184 (1985).
	GK	Gaub, <i>et al.</i> , "The chicken ovalbumin promoter is under negative control which is relieved by steroid hormones", <i>The EMBO Journal</i> , 6:(8)2313-2320, (1987).
	GL	Gillespie, <i>et al.</i> , "Tissue-specific expression of human CD4 in transgenic mice", <i>Mol. Cell. Biol.</i> 13:2952-2958, (1993).
	GM	Gluzman, "SV40-transformed simian cells support the replication of early SV40 mutants", <i>Cell</i> 23:175-182, (1981).
	GN	Gogel, <i>et al.</i> , Mapping of replication initiation sites in the mouse ribosomal gene cluster, <i>Chromosoma</i> , 104:511-518, 1996
**	GO	Gonzales and Schmickel, The human 18S ribosomal RNA gene: Evolution and stability, <i>Am. J. Hum. Genet.</i> 38:419-427 (1986)
** flu	GP	Gonzalez <i>et al.</i> , Variation among human 28S ribosomal RNA genes, <i>Proc. Natl. Acad. Sci.</i> 82:7666-7670 (1985)

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

zh	GQ	Gonzalez and Sylvester, Complete sequence of the 43-kb human ribosomal DNA repeat: Analysis of the intergenic space, <u>Genomics</u> , 27:320-328, 1985
	GR	Goodfellow, <i>et al.</i> , "Techniques for mammalian genome transfer", in <i>Genome Analysis a Practical Approach</i> , K.E. Davies, ed., IRL Press, Oxford, Washington DC. pp.1-17, (1989).
**	GS	Gordon <i>et al.</i> , Production of Human Tissue Plasminogen Activator in Transgenic Mouse Milk, <u>Bio/Technology</u> 5:1183-1187 (1987).
**	GT	Gordon <i>et al.</i> , Genetic transformation of mouse embryos by microinjection of purified DNA, <u>Proc. Natl. Acad. Sci. USA</u> 77(12):7380-7384 (1980).
	GU	Gout, <i>et al.</i> , Prolactin-stimulated growth of cell cultures established from malignant Nb rat lymphomas, <u>Cancer Res.</u> , 40:2433-2436, 1980
	GV	Graham and van der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA", <u>Virology</u> 52:456-457, (1973).
	GW	Gravholt and Friedrich, Molecular cytogenetic study of supernumerary marker chromosomes in an unselected group of children, <u>Am. J. Med. Gen.</u> , 56:106-111, 1995
**	GX	Gray <i>et al.</i> , Chromosome measurement and sorting by flow systems, <u>Proc. Nat. Acad. Sci.</u> 72:1231-1234 (1975)
	GY	Green, <i>et al.</i> , "Chromosomal region of the cystic fibrosis gene in yeast artificial chromosomes: A model for human genome mapping", <u>Science</u> 250:94-98, (1990).
	GZ	Grierson, <i>et al.</i> <u>Plant Molecular Biology</u> , 2d Ed., Blackie, London, Ch. 7-9, (1988).
	HA	Gritz, <i>et al.</i> , "Plasmid-encoded hygromycin B resistance: the sequence of hygromycin B phosphotransferase gene and its expression in <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> ", <u>Gene</u> 25:179-188, (1983).
	HB	Gunning, <i>et al.</i> , "A human β -actin expression vector system directs high-level accumulation of antisense transcripts", <u>Proc. Natl. Acad. Sci. USA</u> 84:4831-4835, (1987).
	HC	Haaf <i>et al.</i> , Integration of Human α -Satellite DNA into Simian Chromosomes: Centromere Protein Binding and Disruption of Normal Chromosome Segregation, <u>Cell</u> 70:681-696 (1992).
	HD	Haas and Dowding, Aminoglycoside-modifying enzymes, <u>Meth. Enzymol.</u> , 43:611-628, 1975
h	HE	Haase, <i>et al.</i> , "Transcription inhibits the replication of autonomously replicating plasmids in human cells", <u>Mol. Cell. Biol.</u> 14:2516-2524, (1994).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

4/10/03

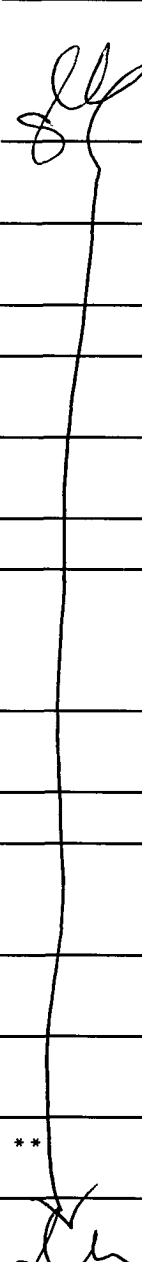
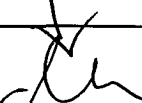
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

"**" indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	HF	Hadlaczky and Szalay, "Mammalian artificial chromosomes: Introduction of novel genes into mammalian artificial chromosomes", Abstract from International Symposium on <i>Gene Therapy of Cancer, AIDS and Genetic Disorders</i> , Trieste (Italy) (April 10-13, 1996) (available at http://www.chromos.com/contents.html)	
	HG	Hadlaczky, "Structure of metaphase chromosomes of plants", <i>Internatl. Rev. Cytol.</i> 94:57-76, (1985).	
	HH	Hadlaczky, <i>et al.</i> , "Structure of isolated protein-depleted chromosomes of plants", <i>Chromosoma</i> 86:643-659, (1982).	
	HI	Hadlaczky, <i>et al.</i> , "Protein depleted chromosomes", <i>Chromosoma</i> 81:537-555, (1981).	
	HJ	Hadlaczky, <i>et al.</i> , "Centromere formation in mouse cells cotransformed with human DNA and a dominant marker gene", <i>Proc. Natl. Acad. Sci. USA</i> 88:8106-8110, (1991).	
	HK	Hadlaczky, <i>et al.</i> , "Direct evidence for the non-random localization of mammalian chromosomes in the interphase nucleus", <i>Exp. Cell Res.</i> 167:1-15, (1986).	
	HL	Hadlaczky, <i>et al.</i> , "Centromere proteins", <i>Chromosoma</i> 97:282-288, (1989).	
	HM	Hadlaczky and Szalay, "Mammalian artificial chromosomes: Potential vectors for gene therapy", Abstract from International Symposium on <i>Gene Therapy of Cancer, AIDS and Genetic Disorders</i> , Trieste (Italy) (April 10-13, 1996) (available at http://www.chromos.com/contents.html)	
	HN	Hall, <i>et al.</i> , "Expression and regulation of <i>Escherichia coli lacZ</i> gene fusions in mammalian cells", <i>J. Mol. Appl. Gen.</i> 2:101-109, (1983).	
	HO	Handeli, <i>et al.</i> , "Mapping replication units in animal cells", <i>Cell</i> 57:909-920, (1989).	
	HP	Hanna, <i>et al.</i> , "Specific expression of the human CD4 gene in mature CD4 ⁺ CD8 ⁻ and immature CD4 ⁺ CD8 ⁺ T cells and in macrophages of transgenic mice", <i>Mol. Cell. Biol.</i> 14:1084-1094, (1994).	
	HQ	Harper, <i>et al.</i> , "Localization of single copy DNA sequences on G-banded human chromosomes by in situ hybridization", <i>Chromosoma</i> 83:431-439, (1981).	
	HR	Harrington, <i>et al.</i> , Formation of <i>de novo</i> centromeres and construction of first-generation human artificial microchromosomes, <u>Nature Genetics</u> , 15:345-355, 1997	
	**	HS	Haskell <i>et al.</i> , Efficient Production of Transgenic Cattle by Retroviral Infection of Early Embryos, <u>Molecular Reproduction and Development</u> 40:386-390 (1995).
		HT	Hassan, <i>et al.</i> , "Replication and transcription sites are colocalized in human cells", <i>J. Cell. Sci.</i> 107:425-434, (1994).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

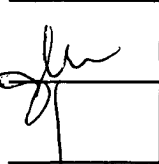

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	HU	Heller, <i>et al.</i> , Mini-chromosomes derived from the human Y chromosome by telomere directed chromosome breakage, <u>Proc. Natl. Acad. Sci. USA</u> , <u>93</u> :7125-7130, 1996
	HV	Henikoff <i>et al.</i> , Position-effect variegation after 60 years, <u>Trends in Genetics</u> <u>6</u> : 422-426 (1990).
**	HW	Hernandez <i>et al.</i> , Conserved features in the mode of replication of eukaryotic ribosomal RNA genes, <u>EMBO J.</u> <u>12</u> (4):1475-1485 (1993)
	HX	Higgins <i>et al.</i> , Organization of a repetitive human 1.8 kb KpnI sequence localized in the heterochromatin of chromosome 15, <u>Chromosoma</u> <u>93</u> :77-86 (1985).
**	HY	Hill <i>et al.</i> , Production of Transgenic Cattle by Pronuclear Injection, <u>Theriogenology</u> <u>37</u> :222 (1992).
	HZ	Hilwig and Gropp, "Decondensation of constitutive heterochromatin in L cell chromosomes by a benzimidazole compound ("33258 Hoechst")", <u>Exp Cell Res</u> <u>81</u> :474-477, (1973).
**	IA	Hogan, <i>et al.</i> , <u>Manipulating the Mouse Embryo: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pages 127 and 429 (1994).
	IB	Hogan, <i>et al.</i> , <u>Manipulating the Mouse Embryo: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pages 253-289 see, especially pages 255-264 and Appendix 3, (1994).
	IC	Hollo, <i>et al.</i> , "Evidence for a megareplicon covering megabases of centromere segments", <u>Chromosome Research</u> <u>4</u> :240-247 (1996)
	ID	Holmen, <i>et al.</i> , "Efficient Lipid-mediated transfection of DNA into Primary Rat Hepatocytes", <u>In Vitro Cell, Dev. Biol.</u> <u>30</u> :347-351, (1995).
	IE	Holmquist and Comings, "Sister chromatid exchange and chromosome organisation based on a bromodeoxyuridine Giemsa-C-banding technique (TC-banding)", <u>Chromosoma</u> <u>52</u> :245-259, (1975).
**	IF	Houdebine, Production of pharmaceutical proteins from transgenic animals, <u>Journal of Biotechnology</u> <u>34</u> :269-287 (1994).
	IG	Hsu and Markvong, "Chromosomes and DNA in <i>Mus</i> : Terminal DNA synthetic sequences in three species", <u>Chromosoma</u> <u>51</u> :311-322, (1975).
	IH	Huberman and Riggs, "On the mechanism of DNA replication in mammalian chromosomes", <u>J Mol Biol</u> <u>32</u> :327-341, (1968).
	II	Huberman, <i>et al.</i> , "The <i>in vivo</i> replication origin of the yeast 2 μ m plasmid", <u>Cell</u> <u>51</u> :473-481, (1987).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

8/10	IJ	Huxley, C. "Mammalian artificial chromosomes: a new tool for gene therapy", <i>Gene Therapy</i> , 1:7-12, (1994).
**	IK	Huxley, C., Mammalian artifical chromosomes and chromosome transgenics, <i>Trends in Genetics</i> 13(9): 345-7 (1997).
	IL	Hyde, <i>et al.</i> , "Correction of the ion transport defect in cystic fibrosis transgenic mice by gene therapy", <i>Nature</i> 362: 250-255, (1993).
	IM	Hyrien, <i>et al.</i> , "The multicopy appearance of large inverted duplication and the sequence at the inversion joint suggest a new model for gene amplification", <i>EMBO J</i> 7:407-417, (1988).
	IN	Ijdo <i>et al.</i> , Improved telomere detection using a telomere repeat probe (TTAGGG) _n generated by PCR, <i>Nucleic Acids Research</i> 19(17):4780 (1991).
	IO	Ioannou, <i>et al.</i> , A new bacteriophage P1-derived vector for the propagation of large human DNA fragments, <i>Nature Genetics</i> , 6:84-89, 1994
	IP	Ish-Horowitz, <i>et al.</i> , "Rapid and efficient cosmid cloning", <i>Nucleic Acids Res.</i> 9:2989-2998, (1981).
	IQ	Jabs, <i>et al.</i> , "Characterization of a cloned DNA sequence that is present at centromeres of all human autosomes and the X chromosome and shows polymorphic variation", <i>Proc. Natl. Acad.</i> 81:4884-4888, (1984).
	IR	Jacob, <i>et al.</i> , "On the regulation of DNA replication in bacteria", <i>Cold Spring Harb Symp Quant Biol</i> 28:329-348, (1963).
**	IS	Jiewen <i>et al.</i> , Decondensation of hamster chromosomes in the nuclei of 1-cell stage mice embryo following chromosome microinjection, <i>Theriogenology</i> 45:336 (1996).
	IT	Johnson, <i>et al.</i> , Genetic mapping of variable length rDNA segments to centromeric regions of mouse Chromosomes 11, 12, 15, 16, and 18, <i>Mammalian Genome</i> , 4:49-52, 1993
	IU	Joy and Gopinathan, "Expression of microinjected foreign DNA in the silkworm", <i>Bombex mori</i> , <i>Current Science</i> 66:145-150, (1991).
X	IV	Kalitsis <i>et al.</i> , A Chromosome 13-Specific Human Satellite I DNA Subfamily with Minor Presence on Chromosome 21: Further Studies on Robertsonian Translocations, <i>Genomics</i> 16:104-112 (1993).
g	IW	Kappel <i>et al.</i> , Regulating gene expression in transgenic animals, <i>Current Biology</i> , p. 548-553, (1992).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/83

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

"**" indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

gh	IX	Keown, <i>et al.</i> , "Methods for introducing DNA into mammalian cells", <i>Meth. Enzymol.</i> 185:527-537, (1990).
	IY	Kerem, <i>et al.</i> , "Identification of the cystic fibrosis gene: genetic analysis", <i>Science</i> 245:1073-1080, (1989).
	IZ	Kereso <i>et al.</i> , <i>De novo</i> chromosome formations by large-scale amplification of the centromeric region of mouse chromosomes, <i>Chromosome Research</i> 4:226-239, (1996).
	JA	Killary, <i>et al.</i> , "Microcell Fusion", <i>Methods in Enzymology</i> , 254:133-152, (1995).
	JB	Kitsberg, <i>et al.</i> , "Replication structure of the human b-globin gene domain", <i>Nature</i> 366:588-590, (1993).
	JC	Klinger <i>et al.</i> , Modulation of the Activity of an Avian Gene Transferred into a Mammalian Cell by Cell Fusion, <i>Proc. Natl. Acad. Sci.</i> 71(4):1398-1402 (1974).
	JD	Klotman <i>et al.</i> Transgenic models of HIV-1, <i>Current Sci Ltd.</i> 9:313-324, (1995).
	JE	Korenberg, <i>et al.</i> , "Human genome organization: Alu, LINES, and the molecular structure of metaphase chromosome bands", <i>Cell</i> 53:391-400, (1988).
	JF	Kornberg and Baker, <i>DNA Replication</i> . 2nd. ed., New York: W.H. Freeman and Co, p. 474, (1992).
**	JG	Krimpenfort <i>et al.</i> , Generation of transgenic dairy cattle using 'in vitro' embryo production, <i>Bio/Technology</i> 9:844-847 (1991).
	JH	Lalande, <i>et al.</i> , Molecular detection and differentiation of deletions in band 13q14 in human retinoblastoma, <i>Cancer Genet Cytogenet</i> , 23:151-157, 1986
	JI	Lamb and Gearhart, YAC transgenics and the study of genetics and human disease, <i>Cur. Opin. Gen. Dev.</i> , 5:342-348, 1995
	JJ	Lambert, <i>et al.</i> , "Functional complementation of ataxia-telangiectasia group D (AT-D) cells by microcell-mediated chromosome transfer and mapping of the AT-D locus to the region 11q22-23", <i>Proc. Natl. Acad. Sci. USA</i> 88:5907-59, (1991).
	JK	Larin <i>et al.</i> , <i>De novo</i> formation of several features of a centromere following introduction of a Y alphoid YAC into mammalian cells, <i>Human Molecular Genetics</i> 3(5):689-695 (1994).
	JL	Larsson <i>et al.</i> Reduced $\beta 2$ -microglobulin mRNA levels in transgenic mice expressing a designed hammerhead ribozyme, <i>Nucleic Acids Research</i> 22:2242-2248, (1994).
gh	JM	Lawrence, <i>et al.</i> , "Sensitive, high-resolution chromatin and chromosome mapping <i>in situ</i> : Presence and orientation of two closely integrated copies of EBV in a lymphoma line", <i>Cell</i> 52:51-61, (1988).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JN	Le Bolc'h, <i>et al.</i> , "Cationic phosphonolipids as non viral vectors for DNA transfection", <i>Tetrahedron Lett.</i> 36:6681-6684, (1995).
JO	Lebo <i>et al.</i> , Design and operation of a dual laser chromosome sorter, <i>Cytometry</i> 3:213-219 (1982)
JP	Ledbetter <i>et al.</i> , New Somatic Cell Hybrids for Physical Mapping in Distal Xq and the Fragile X Region, <i>Americal Journal of Medical Genetics</i> 38:418-420 (1991).
JQ	Leder, <i>et al.</i> , "EK2 derivatives of bacteriophage lambda useful in the cloning of DNA from higher organisms: The <i>λgtWES</i> system", <i>Science</i> 196:175-177, (1977).
** JR	Lee <i>et al.</i> , Human centromeric DNA, <i>Human Genetics</i> 100: 291-300 (1997).
JS	Lee <i>et al.</i> , Human gamma X satellite DNA: an X chromosome specific centromeric DNA sequence, <i>Chromosoma</i> 104: 103-112 (1995)
JT	Li <i>et al.</i> , Decondensation of hamster chromosomes in the nuclei of 1-cell stage mice embryo following chromosome microinjection, <i>Theriogenology</i> , 45(1):336 (1996)
JU	Lin <i>et al.</i> , Isolation and identification of a novel tandemly repeated DNA sequence in the centromeric region of human chromosome 8, <i>Chromosoma</i> 102: 333-339 (1993)
JV	Little, <i>et al.</i> , Intiation and termination of DNA replication in human rRNA genes, <i>Molec. and Cell. Biol.</i> , 13(10):6600-6613, 1993
JW	Liu, <i>et al.</i> , "The pro region of human neutrophil defensin contains a motif that is essential for normal subcellular sorting", <i>Blood</i> 85:1095-1103, (1995).
JX	Locardi, <i>et al.</i> , "Persistent infection of normal mice with human immunodeficiency virus", <i>J. Virol.</i> 66:1649-1654, (1992).
JY	Loefler, <i>et al.</i> , "Gene Transfer into Primary and Established Mammalian Cell Lines wiht Lipopolyamine-Coated DNA", <i>Methods for Transforming Animal and Plant Cells</i> 217:599-618, (1993).
JZ	Looney, <i>et al.</i> , "The dihydrofolate reductase amplicons in different methotrexate-resistant Chinese hamster cell lines share at least a 273-kilobase core sequence, but the amplicons in some cell lines are much larger and remarkably uniform in structure", <i>Mol. Cell Biol.</i> 8:5268-5279, (1988).
KA	Lorenz, <i>et al.</i> , Expression of the <i>Renilla reniformis</i> luciferase gene in mammalian cells, <i>J. Biolum. Chemilum.</i> 11:31-37, (1996).
KB	Lorenz, <i>et al.</i> , "Isolation and expression of a cDNA encoding <i>Renilla reniformis</i> luciferase", <i>Proc. Natl. Acad. Sci. USA</i> 88:4438-4442 (1991)
KC	Love, <i>et al.</i> , "Transgenic birds by microinjection", <i>Bio/Technology</i> 12:60-63, (1994).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

sh	KD	Ma, <i>et al.</i> , "Organisation and genesis of dihydrofolate reductase amplicons in the genome of a methotrexate-resistant Chinese hamster ovary cell line", <i>Mol. Cell Biol.</i> 8:2316-2327, (1988).
	KE	Ma, <i>et al.</i> , "Sister chromatid fusion initiates amplification of the dihydrofolate reductase gene in Chinese hamster cells", <i>Genes Develop.</i> 7:605-620, (1993).
	KF	Madan, <i>et al.</i> , "Fluorescence analysis of late DNA replication in mouse metaphase chromosomes using BUdR and 33258 Hoechst", <i>Exp. Cell Res.</i> 99:438-444, (1976).
	KG	Maden, <i>et al.</i> , Clones of human ribosomal DNA containing the complete 18 S-rRNA and 28 S-rRNA genes, <i>J. Biochem.</i> , 246:519-527, 1987
**	KH	Maeda <i>et al.</i> , Production of human α -interferon in silkworm using a baculovirus vector, <i>Nature</i> 315:592-594 (1985).
	KI	Maniatis, <i>et al.</i> , "The isolation of structural genes from libraries of eucaryotic DNA", <i>Cell</i> 15:687-701, (1978).
	KJ	Mansour, <i>et al.</i> , "Disruption of the proto-oncogene <i>int-2</i> in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes", <i>Nature</i> 336:348-352, (1988).
	KK	Manuelidis, Heterochromatic features of an 11-megabase transgene in brain cells, <i>Proc. Natl. Acad. Sci. USA</i> , 88:1049-1053, 1991
	KL	Matthews, <i>et al.</i> , "Purification and properties of <i>Renilla reniformis</i> luciferase", <i>Biochemistry</i> 16:85-91, (1977).
	KM	Maxwell, <i>et al.</i> , "Regulated expression of a diphtheria toxin A-chain gene transfected into human cells: possible strategy for inducing cancer cell suicide", <i>Cancer Res.</i> 46:4660-4664, (1986).
**	KN	McCallum and Maden, Human 18S ribosomal RNA sequence inferred from DNA sequence, <i>Biochem. J.</i> 232:725-733 (1985)
	KO	McGill, <i>et al.</i> , "ACM8, a human sequence with putative centromeric function, does not map to the centromere but is present in one or two copies at 9qter", <i>Hum. Mol. Gen.</i> 1(9):749-751.
	KP	McGuigan <i>et al.</i> , Replication of yeast DNA and novel chromosome formation in mouse cells, <i>Nucleic Acids Res.</i> 24(12):2271-2280 (1996)
sh	KQ	McLean, "Improved techniques for immortalizing animal cells", <i>TIBTECH</i> 11:232-238, (1993).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

sh	KR	Meinkoth and Wahl, "Hybridization of nucleic acids immobilized on solid supports", <i>Anal. Biochem.</i> 138:267-284, (1984).
	KS	Mendelsohn, <i>et al.</i> , Separation of isolated chinese hamster metaphase chromosomes into three size-groups, <i>J. Mol. Biol.</i> , 32:101-112, 1968
	KT	Meyne <i>et al.</i> , Chromosome localization and orientation of the simple sequence repeat of human satellite I DNA, <i>Chromosoma</i> 103:99-103 (1994).
	KU	Meyne, <i>et al.</i> , "Distribution of non-telomeric sites of the (TTAGGG) _n telomeric sequence in vertebrate chromosomes", <i>Chromosoma</i> 99:3-10, (1990).
	KV	Miesfeld and Arnheim, Identification of the <i>in vivo</i> and <i>in vitro</i> origin of transcription in human rDNA, <i>Nucleic Acid Res.</i> , Vol. 10, No. 13, 1982
	KW	Miller, in <i>Experiments in Molecular Genetics</i> , Cold Spring Harbor Press, pp. 352-355, (1972).
	KX	Miller, "Is the centromeric heterochromatin of <i>Mus musculus</i> late replicating?" <i>Chromosoma</i> 55:165-170, (1976).
	KY	Miller and Rosman, "Improved retroviral vectors for gene transfer and expression", <i>Biotechniques</i> 7:980-990, (1989).
	KZ	Mitani, <i>et al.</i> , "Delivering therapeutic genes - matching approach and application", <i>Trends Biotech.</i> 11:162-166, (1993).
**	LA	Moreadith <i>et al.</i> , Gene targeting in embryonic stem cells: the new physiology and metabolism, <i>J. Mol. Med.</i> , 75:208-216 (1997)
	LB	Morgan and French Anderson, "Human gene therapy", <i>Annu. Rev. Biochem.</i> 62:191-217, (1993).
	LC	Morgenstern, <i>et al.</i> , "Advanced mammalian gene transfer: High titre retroviral vectors with multiple drug selection markers and a complementary helper-free packaging cell line", <i>Nucleic Acids Res.</i> 18:3587-3596, (1990).
	LD	Mulligan, "The basic science of gene therapy", <i>Science</i> 260:926-932, (1993).
**	LE	Mullins <i>et al.</i> , Perspective Series: Molecular Medicine in Genetically Engineered Animals, <i>Transgenesis in Nonmarine Species</i> 98(11):S37-S40 (1996).
↓	LF	Mullins <i>et al.</i> , Perspectives Series: Molecular medicine in genetically engineered animals; Transgenesis in the rat and larger animals, <i>J. Clin. Invest.</i> , 98(11):S37-S40 (1996)
sh	LG	Murray, <i>et al.</i> , "Construction of artificial chromosomes in yeast", <i>Nature</i> 305:189-193, (1983).

DR. GEORGIA HELMER

11/10/03

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

sh	LH	Nabel, <i>et al.</i> , "Site-specific gene expression in vivo by direct gene transfer into the arterial wall", <i>Science</i> 249:1285-1288, (1990).
	LI	Naider, <i>et al.</i> , Reversible alkylation of a methionyl residue near the active site of B-Galactosidase, <i>Biochemistry</i> , 11(17):3202-3210, 1972
**	LJ	Nazar <i>et al.</i> , Sequence homologies in mammalian 5.8S ribosomal RNA, <i>Biochem.</i> 15(3):505-508 (1976)
	LK	Nikolaev, <i>et al.</i> , "Microinjection of recombinant DNA into early embryos of the mulberry silkworm <i>Bombyx mori</i> ," <i>Mol. Biol. (Moscow)</i> 23:1177-87, (1989).
	LL	O'Keefe, <i>et al.</i> , "Dynamic organization of DNA replication in mammalian cell nuclei: Spatially and temporally defined replication of chromosome-specific a-satellite DNA sequences", <i>J. Cell Biol.</i> 116:1095-1110, (1992).
	LM	Ohnuki, Cytology: Demonstration of the spiral structure of human chromosomes, 208:916-917, 1965
	LN	Ohnuki, Structure of chromosomes, <i>Chromosoma</i> (Berl), 25:402-428, 1968
**	LO	Orkin, S.H., Report and Recommendations of the Panel to Assess the NIH Investment in Research of Gene Therapy, December 7, 1995 pgs. 1-45. Available online at: http://www.nih.gov/news/panelrep.html
	LP	Osborne, <i>et al.</i> , "A mutation in the second nucleotide binding fold of the cystic fibrosis gene", <i>Am. J. Hum. Genetics</i> 48:608-612, (1991).
**	LQ	Palmiter <i>et al.</i> , Dramatic growth of mice that develop from eggs microinjected with metallothionein-growth hormone fusion genes, <i>Nature</i> 300:611-615 (1982).
	LR	Park, <i>et al.</i> , "Modulation of Transcriptional Activity of the Chicken ovalbumin gene promoter in primary cultures of chicken oviduct cells: effects of putative regulatory elements in the 5'-flanking region", <i>Biochem and Mol Biol International</i> 36:(4)811-816, (1995).
**	LS	Parkman <i>et al.</i> , Abstract for: Gene Therapy for adenosine deaminase deficiency, <i>Annu Rev Med</i> 51:33-47 (2000).
	LT	Paszowski and Saul, "[28] Direct gene transfer to plants", <i>Methods for Plant Molecular Biology</i> , Weissbach <i>et al.</i> , eds., Academic Press, N.Y., Section VIII, pp. 447-463, (1988).
	LU	Perry and Wolff, "A new Giemsa method for the differential staining of sister chromatids", <i>Nature</i> 251:156-158, (1974).
sh	LV	Petitte, <i>et al.</i> , "Production of somatic and germline chimeras in the chicken by transfer of early blastodermal cells", <i>Development</i> 108:185-189, (1990).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

11/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LW	Pierce, <i>et al.</i> , A positive selection vector for cloning high molecular weight DNA by the bacteriophage P1 system: Improved cloning efficacy, <u>Proc. Natl. Acad. Sci. USA</u> , <u>89</u> :2056-2060, 1992
LX	Pierce and Sternberg, Using Bacteriophage P1 system to clone high molecular weight genomic DNA, <u>Meth. Enzymol.</u> , <u>216</u> :549-574, 1992
LY	Pinkel, <i>et al.</i> , "Cytogenetic analysis using quantitative, high-sensitivity, fluorescence hybridization", <u>Proc. Natl. Acad. Sci. USA</u> , <u>83</u> :2934-2938, (1986).
LZ	Prasher, <i>et al.</i> , "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein", <u>Gene</u> <u>111</u> :229-233, (1992).
MA	Praznovszky, <i>et al.</i> , "De novo chromosome formation in rodent cells", <u>Proc. Natl. Acad. Sci. USA</u> <u>88</u> :11042-11046, (1991).
MB	Priest, "Cytogenetics", In <i>Medical Technology Series</i> . R.M. French, M. Eichman, B. Fiorella, and H.F. Weisberg, eds. (Lea and Febiger, Philadelphia) pp.189-190, (1969).
MC	Quastler, <i>et al.</i> , "Cell population kinetics in the intestinal epithelium of the mouse", <u>Exp. Cell Res.</u> <u>17</u> :420-438, (1959).
MD	Raimondi, <i>et al.</i> , "X-ray mediated size reduction, molecular characterization and transfer in model systems of a human artificial minichromosome", Abstract from International Symposium on <i>Gene Therapy of Cancer, AIDS and Genetic Disorders</i> , Trieste (Italy) (April 10-13, 1996).
ME	Raimondi, Gene targeting to the centromeric DNA of a human minichromosome. <u>Hum. Gene Ther.</u> <u>7</u> : 1103-1109 (1996)
MF	Rancourt <i>et al.</i> , Wolffish Antifreeze Protein from Transgenic <i>Drosophila</i> , <u>Bio/Technology</u> <u>8</u> :453-457 (1990).
MG	Rasko <i>et al.</i> , Pattern of segregation of chicken HPRT phenotype in Chinese hamster-chick red blood cell hybrids, <u>Cytogenet Cell Genet</u> <u>24</u> :129-137 (1979).
MH	Raynal <i>et al.</i> , Complete nucleotide sequence of mouse 18 S rRNA gene: comparison with other available homologs, <u>FEBS Lett.</u> <u>167</u> (2): 263-367 (1984)
MI	Remy, <i>et al.</i> , "Gene Transfer with a Series of Lipophilic DNA-Binding Molecules", <u>Bioconjugate Chem.</u> <u>5</u> :647-654, (1994).
MJ	Report and recommendations of the panel to assess the NIH investment in research on gene therapy, Orkin and Motulsky, co-chairs (December 7, 1995) (available at http://www.nih.gov/news/panelrep.html)

DR. GEORGIA HELMEP

EXAMINER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

* *	MK	Richia and Lo, "Introduction of human DNA into mouse eggs by injection of dissected chromosome fragments", <i>Science</i> 245:175-177, (1989).
* *	ML	Riego <i>et al.</i> , Production of Transgenic Mice and Rabbits that Carry and Express the Human Tissue Plasminogen Activator cDNA under the Control of a Bovine Alpha S1 Casein Promoter, <i>Theriogenology</i> 39:1173-1185 (1993).
	MM	Riordan, <i>et al.</i> , "Identification of the cystic fibrosis gene: cloning and characterization of complementary DNA", <i>Science</i> 245:1066-1072, (1989).
	MN	Roberts <i>et al.</i> , Ribosomal RNA Gene Amplification: A Selective Advantage in Tissue Culture, <i>Cancer Genet Cytogenet</i> 29:119-127 (1987).
	MO	Rogers, <i>et al.</i> , "[26] Gene transfer in plants: Production of transformed plants using Ti plasmid vectors", <i>Methods for Plant Molecular Biology</i> , Weissbach <i>et al.</i> , eds., Academic Press, N.Y., Section VIII, pp. 423-436, (1988).
	MP	Rommens, <i>et al.</i> , "Identification of the cystic fibrosis gene: chromosome walking and jumping", <i>Science</i> 245:1059-1065, (1989).
	MQ	Rosenfeld, <i>et al.</i> , "In vivo transfer of the human cystic fibrosis transmembrane conductance regulator gene to the airway epithelium", <i>Cell</i> 68:143-155, (1992).
	MR	Roslaniec, <i>et al.</i> , Development of a high speed optical chromosome sorter based on photoinduced cross-linking of DNA with psoralens, International Society for Analytical Cytology Abstracts, 1994
	MS	Roth, <i>et al.</i> , "Artifizielle chromosomen", <i>Natur Wissenschaften</i> 74:78-85, (1987).
	MT	Rowe, <i>et al.</i> , Genetic mapping of 18S ribosomal RNA-related loci to mouse chromosomes 5, 6, 9, 12, 17, 18, 19, and X, <i>Mammalian Genome</i> , 7:886-889, 1996
* *	MU	Safrany and Hidvegi, New tandem repeat region in the non-transcribed spacer of human ribosomal RNA gene, <i>Nucl. Acids Resh.</i> 17(8):3013-3023 (1989)
	MV	Sakai <i>et al.</i> , Human Ribosomal RNA Gene Cluster: Identification of the Proximal End Containing a Novel Tandem Repeat Sequence, <i>Genomics</i> 26:521-526 (1995).
	MW	Sambrook, <i>et al.</i> , <i>Molecular Cloning: A Laboratory Manual, Volume 1</i> . 2d Ed., Cold Spring Harbor Laboratory Press,, Section 2.18, (1989).
	MX	Sanes, <i>et al.</i> , "Use of a recombinant retrovirus to study post-implantation cell lineage in mouse embryos", <i>EMBO J.</i> 5(12):3133-3142, (1986).
* *	MY	Sanford, <i>et al.</i> , "General Protocol for Microcell-Mediated Chromosome Transfer", <i>Somatic Cell and Molecular Genetics</i> , 13:(3)279-284, (1987).

DR. GEORGIA HELMER

1/10/03

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

g	MZ	Sang, <i>et al.</i> , "Transgenic chickens - methods and potential application", <i>TIBTECH</i> 12:415-420.
	NA	Sanger, <i>et al.</i> , "Cloning in single-stranded bacteriophage as an aid to rapid DNA sequencing", <i>J. Mol. Biol.</i> 143:161-178, (1980).
	NB	Sart <i>et al.</i> , A functional neo-centromere formed through activation of a latent human centromere and consisting of non-alpha-satellite DNA, <i>Nature Genetic</i> 16:144-152 (1997).
	NC	Saxon, <i>et al.</i> , "Selective transfer of individual human chromosomes to recipient cells", <i>Mol. Cell. Biol.</i> 1:140-146, (1985).
	ND	Schedl, <i>et al.</i> , "A method for the generation of YAC transgenic mice by pronuclear microinjection", <i>Nuc. Acids Res.</i> 21:4783-4787, (1993).
	NE	Scientists report a major step in realizing the commercial potential of engineered artificial chromosomes in significant life sciences sectors, including gene therapy, <i>Chromos Molecular Systems - News Release</i> (May 29, 1996) (available at http://www.chromos.com/contents.html)
**	NF	Seamark, Progress and emerging problems in livestock transgenesis: a summary perspective, <i>Reprod. Fertil. Dev.</i> , 6:653-657 (1994)
	NG	Seamark, Progress and Emerging Problems in Livestock Transgenesis: a Summary Perspective, <i>Reprod. Fertil. Dev.</i> 6:653-657 (1994).
	NH	Selig, <i>et al.</i> , "Regulation of mouse satellite DNA replication time", <i>EMBO J.</i> 7:419-426, (1988).
	NI	Sher, <i>et al.</i> , "Role of T-Cell derived cytokines in the downregulation of immune responses in parasitic and retroviral infection", <i>Immunological Reviews</i> (127)183-204, (?)
	NJ	Shizuya, <i>et al.</i> , Cloning and stable maintenance of 300-kilobase-pair fragments of human DNA in <i>Escherichia coli</i> using an F-factor-based vector, <i>Proc. Natl. Acad. Sci. USA</i> , 89:8794-8797, 1992
	NK	Shwarchuk, <i>et al.</i> , Substructure in the radiation survival response at low dose: asynchronous and partially synchronized V79-WNRE cells, <i>Int. J. Radiat. Biol.</i> , 64(5):601-612, 1993
	NL	Sillar and Young, A new method for the preparation of metaphase chromosomes for flow analysis, <i>J. Histo. Cytoch.</i> , 29:74-78, 1981
** S	NM	Simons <i>et al.</i> , Alteration of the quality of milk by expression of sheep β -lactoglobulin in transgenic mice, <i>Nature</i> 328:530-532 (1987).

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

11/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

**	NN	Simons <i>et al.</i> , Gene Transfer into Sheep, <u>Bio/Technology</u> 6:179-183 (1988).
	NO	Smith, <i>et al.</i> , "Distinctive chromosomal structures are formed very early in the amplification of CAD genes in Syrian hamster cells", <u>Cell</u> 63:1219-1227, (1990).
	NP	Smith, <i>et al.</i> , "Amplification of large artificial chromosomes", <u>Proc. Natl. Acad. Sci. USA</u> , 87:8242-8246, (1990).
**	NQ	Smith and Rubin, Functional screening and complex traits: human 21q22.2 sequences affecting learning in mice, <u>Hum. Mol. Genet.</u> 6(10):1729-1733 (1997)
	NR	Solus, <i>et al.</i> , "Characterization of single-copy probe from vicinity of centromere of human chromosome 1", <u>Somatic Cell Mol. Genet.</u> 14:381-391, (1988).
	NS	Stoeher, <i>et al.</i> , A reliable preparation of mono-dispersed chromosome suspensions for flow cytometry, <u>Histochemistry</u> , 74:57-61, 1982
	NT	Strauss, "Transfection of Mammalian Cells via Lipofection", <u>Meth Biol</u> 54:307-327, (1996).
	NU	Strojek <i>et al.</i> The use of transgenic animal techniques for livestock improvement, <u>Genetic Engineering: Principles and Methods</u> 10:221-246, (1988).
	NV	Stubblefield and Wray, Isolation of specific human metaphase chromosomes, <u>Bioch. and Biophys. Res. Commun.</u> , 83(4):1404-1414, 1978
**	NW	Stubblefield and Pershouse, Direct formation of microcells from mitotic cells for use in chromosome transfer, <u>Somatic Cell & Molec. Genet.</u> 18:485-491 (1992)
	NX	Sugden, <i>et al.</i> , "A vector that replicates as a plasmid and can be efficiently selected in B-lymphoblast transformed by Epstein-Barr virus", <u>Mol. Cell. Biol.</u> 5:410-413, (1985).
	NY	Sumner, "Scanning electron microscopy of mammalian chromosomes from prophase to telophase", <u>Chromosoma</u> 100:410-418, (1991).
	NZ	Sumner, "A simple technique for demonstrating centromeric heterochromatin", <u>Cell Res.</u> 75:304-306, (1972).
	OA	Sun <i>et al.</i> , Human artificial episomal chromosomes for cloning large DNA fragments in human cells, <u>Nature Genetics</u> 8:33-41 (1994).
	OB	Szybalska, <i>et al.</i> , "DNA-Mediated heritable transformation of biochemical trait", <u>Proc. N.A.S.</u> 48:2026-2034, (1962).
	OC	Szybalsky, <i>et al.</i> , "Genetic studies with human cell lines", <u>Natl. Cancer Inst. Monogr.</u> 7:75-89, (1982).

EXAMINER

DR. GEORGIA HELLMUTH

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

efh	OD	Takeda <i>et al.</i> , Expression of SV40- <i>lacZ</i> Gene in Mouse Preimplantation Embryos After Pronuclear Microinjection, <i>Molecular Reproduction and Development</i> 30:90-94 (1991).
	OE	Tamura, <i>et al.</i> , "Microinjection of DNA into early embryo of <i>Bombyx mori</i> ", <i>Bio Ind.</i> 8:26-31, (1991), (Chemical Abstracts # 114(21)200502z)
	OF	Taylor <i>et al.</i> , Analysis of extrachromosomal structures containing human centromeric alphoid satellite DNA sequences in mouse cells, <i>Chromosoma</i> 105: 70-81 (1996)
	OG	Teifel, <i>et al.</i> , "New Lipid Mixture for Efficient Lipid-Mediated Transfection of BHK Cells", <i>Biotechniques</i> 19:79-82, (1995).
**	OH	Telenius <i>et al.</i> , Chromatid contamination can impair the purity of flow-sorted metaphase chromosomes, <i>Cytometry</i> 14:97-101 (1993)
**	OI	Telenius <i>et al.</i> , Stability of a functional murine satellite DNA-based artificial chromosome across mammalian species, <i>Chromosome Research</i> 7: 3-7 (1999).
	OJ	Thoraval <i>et al.</i> , A methylated human 9-kb repetitive sequence on acrocentric chromosomes is homologous to a subtelomeric repeat in chimpanzees, <i>Proc. Natl. Acad. Sci.</i> 93:4442-4447 (1996).
	OK	Toledo, <i>et al.</i> , "Co-amplified markers alternate in megabase long chromosomal inverted repeats and cluster independently in interphase nuclei at early steps of mammalian gene amplification", <i>EMBO J.</i> 11:2665-2673, (1992).
	OL	Tomizuka <i>et al.</i> , Functional expression and germline transmission of a human chromosome fragment in chimaeric mice, <i>Nature Genetics</i> 16:133-143 (1997)
	OM	Tonghua, <i>et al.</i> , "Effects of antisense epidermal growth factor and its receptor retroviral expression vectors on cell growth of human pancreatic carcinoma cell line", <i>Chin. Med. J. (Beijing, Engl. Ed.)</i> 108:653-659, (1995).
	ON	Tora, <i>et al.</i> , "Cell-specific activity of a GGTC A half-palindromic oestrogen-responsive element in the chicken ovalbumin gene promoter", <i>The EMBO Journal</i> 7:(12)3771-3778, (1988).
	OO	Torczynski <i>et al.</i> , Cloning and sequencing of a human 18S ribosomal RNA gene, <i>DNA</i> 4 (4): 283-291 (1985)
**	OP	Traver, <i>et al.</i> , Rapid screening of a human genomic library in yeast artificial chromosomes for single-copy sequences, <i>Proc. Natl. Acad. Sci. USA</i> 86:5898-5902, 1989
	OQ	Tyler-Smith <i>et al.</i> , Mammalian chromosome structure, <i>Curr. Opin. Genet. Devt.</i> 3: 390-397 (1993)
gh	OR	Uchimiya, <i>et al.</i> , "Transgenic plants", <i>J. Biotechnol.</i> 12:1-20, (1989).

EXAMINER

DR. GEORGIA HELMEF

DATE CONSIDERED

1/10/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

sh	OS	Van den Engh, <i>et al.</i> , Improved resolution of flow cytometric measurements of Hoechst- and Chromomycin-A3-stained human chromosomes after addition of citrate and sulfite, <u>Cytometry</u> , 9:266-270, 1988
	OT	Van Dilla, <i>et al.</i> , Human chromosome-specific DNA libraries: Construction and availability, <u>Bio/Technology</u> , 4:537-552, 1986
	OU	Van den Engh, <i>et al.</i> , Preparation of chromosomes suspensions for flow cytometry, <u>Cytometry</u> , 5:108-117, 1984
	OV	Van den Engh, <i>et al.</i> , Preparation and bivariate analysis of suspensions of human chromosomes, <u>Cytometry</u> , 6:92-100, 1985
**	OW	Velandar <i>et al.</i> , High-level expression of a heterologous protein in the milk of transgenic swine using the cDNA encoding human protein C, <u>Proc. Natl. Acad. Sci. USA</u> 89:12003-12007 (1992).
**	OX	Verma, I.M. and N. Somia, Gene Therapy- promises, problems and prospects, <u>Nature</u> 389:239-42 (1997).
	OY	Vig and Richards, "Formation of primary constriction and heterochromatin in mouse does not require minor satellite DNA", <u>Exp. Cell Res.</u> 201:292-298, (1992).
**	OZ	Vile, R.G., Abstract of: Cancer Gene Therapy: Hard Lessons and New Courses, <u>Gene Therapy</u> 7(1):2-8 (2000)
	PA	Vissel <i>et al.</i> , A satellite III sequence shared by human chromosomes 13, 14, and 21 that is contiguous with α satellite DNA, <u>Cytogenet Cell Genet</u> 61:81-86 (1992).
**	PB	Vos JM, The Simplicity of complex MACs, <u>Nature Biotechnology</u> 15:1257-1259 (1997)
**	PC	Wall <i>et al.</i> , Transgenic Dairy Cattle: Genetic Engineering on a Large Scale, <u>J. Dairy Sci.</u> 80(9):2213-2224 (1997).
**	PD	Wall <i>et al.</i> , High-level synthesis of a heterologous milk protein in the mammary glands of transgenic swine, <u>Proc. Natl. Acad. Sci. USA</u> 88:1696-1700 (1991).
**	PE	Wall <i>et al.</i> , Making Transgenic Livestock: Genetic Engineering on a Large Scale, <u>Journal of Cellular Biochemistry</u> 49:113-120 (1992).
**	PF	Wall, Transgenic livestock: Progress and prospects for the future, <u>Theriogenology</u> , 45:57-68 (1996)
sh	PG	Wang and Fedoroff, "Banding of human chromosomes treated with trypsin", <u>Nature</u> 235:52-54, (1972).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

* <i>gh</i>	PH	Warburton <i>et al.</i> , Hamster chromosomes containing amplified human α -satellite DNA show delayed sister chromatid separation in the absence of de novo kinetochore formation, <i>Chromosoma</i> 106:149-159 (1997).
**	PI	Warburton, P.E., Making CENS of Mammalian Artificial Chromosomes, <i>Molecular Genetics and Metabolism</i> 68:152-160 (1999).
	PJ	Waring, <i>et al.</i> , "Nucleotide sequence repetition: A rapidly reassociating fraction of mouse DNA", <i>Science</i> 154:791-794, (1966).
	PK	Waye <i>et al.</i> , Human β satellite DNA: Genomic organization and sequence definition of a class of highly repetitive tandem DNA, <i>Proc. Natl. Acad. Sci.</i> 86:6250-6254 (1989).
	PL	Weinberg, "Tumor suppressor genes", <i>Science</i> 254:1138-1146, (1991).
**	PM	Wells <i>et al.</i> , Production of Cloned Lambs from an Established Embryonic Cell Line: A Comparison between In Vivo- and In Vitro-Matured Cytoplasts, <i>Biology of Reproduction</i> 57: 385-93 (1997).
	PN	White, <i>et al.</i> , "A frame-shift mutation in the cystic fibrosis gene", <i>Nature</i> 344:665-667, (1990).
	PO	Wigler, <i>et al.</i> , "DNA-mediated transfer of the adenine phosphoribosyltransferase locus into mammalian cells", <i>Proc. Natl. Acad. Sci. USA</i> 76:1373-1376, (1979).
	PP	Willard, Chromosome manipulation: a systematic approach toward understanding human chromosome structure and function, <i>Proc. Natl. Acad. Sci. USA</i> 93: 6847-6850 (1996)
	PQ	Willard and Waye, "Hierarchical order in chromosome specific human alpha satellite DNA", <i>Trends Genet.</i> 3:192-198, (1987).
	PR	Williams and Blattner, "Construction and characterization of the hybrid bacteriophage lambda charon vectors for DNA cloning", <i>J. Virol.</i> 29:555-575, (1979).
	PS	Wilmut, <i>et al.</i> , Viable offspring derived from fetal and adult mammalian cells, <i>Nature</i> , 385:810-813, 1997
	PT	Wong, <i>et al.</i> , "Sequence organisation and cytological localization of the minor satellite of mouse", <i>Nucl. Acids Res.</i> 16:11645-11661, (1988).
	PU	Worton <i>et al.</i> , Human Ribosomal RNA Genes: Orientation of the Tandem Array and Conservation of the 5' End, <i>Science</i> 239:64-68 (1988).
** <i>gh</i>	PV	Wright <i>et al.</i> , High level expression of active human alpha-1-antitrypsin in the milk of transgenic sheep, <i>Bio/Technology</i> 9:830-834 (1991).

DR. GEORGIA HELL

EXAMINER

DATE CONSIDERED

11/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24601-402E	SERIAL NO. 09/724,726
	APPLICANT Hadlaczky, <i>et al.</i>	
	FILING DATE November 28, 2000	GROUP Unassigned

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

8	PW	Yamada, <i>et al.</i> , "Multiple chromosomes carrying tumor suppressor activity for a uterine endometrial carcinoma cell line identified by microcell-mediated chromosome transfer", <i>Oncogene</i> 5:1141-1147, (1990).
	PX	Yates, <i>et al.</i> , "A <i>cis</i> -acting element from the Epstein-Barr viral genome that permits stable replication of recombinant plasmids in latently infected cells", <i>Proc. Natl. Acad. Sci. USA</i> 81:3806-3810, (1984).
	PY	Yates, <i>et al.</i> , "Stable replication of plasmids derived from Epstein-Barr virus in various mammalian cells", <i>Nature</i> 313:812-815, (1985).
	PZ	Yeung, <i>et al.</i> , "Human CD4-major histocompatibility complex class II (Dqw6) transgenic mice in an endogenous CD4/CD8-deficient background: reconstitution of phenotype and humano-restricted function," <i>J. Exp. Med.</i> 180:1911-1920, (1994).
	QA	Yoon, <i>et al.</i> , Mapping of replication initiation sites in human ribosomal DNA by Nascent-Strand abundance analysis, <i>Mol. Cell. Bio.</i> , p. 2482-2489, May 1995
	QB	Yurov, "Identification and characterization of two distinct polymorphic α -satellite DNA sequences from centromeric regions of the chromosomes 13 and 21 (A2299)", <i>Cytogenet. Cell Genet.</i> 51:1114, (1989).
	QC	Yurov, "Collection of α -satellite DNA probes: Highly polymorphic markers for centromeric regions of all human chromosomes (A2298)", <i>Cytogenet. Cell Genet.</i> 51:1114, (1989).
	QD	Zang, <i>et al.</i> , "Production of recombinant proteins in Chinese hamster ovary cells using a protein-free cell culture medium", <i>Bio/Technology</i> 13:389-392, (1995).
	QE	Zemskova and Escher, IAP DNA sequences and mouse chromosome instability, Loma Linda University APC Conference, March, 1997
5	QF	Zhang, <i>et al.</i> , "T-Cell cytokine responses in human infection with Mycobacterium tuberculosis", <i>Infection and Immunity</i> , p. 3231-3234, (1995).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

11/01/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*** indicates references provided herewith

May 14, 2001

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Hadlaczky, *et al.*FILING DATE
November 28, 2000GROUP
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
A	0 0 0 8 0 2 5	07/12/01	Hadlaczky et al.	800	8	06/12/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

September 7, 2001

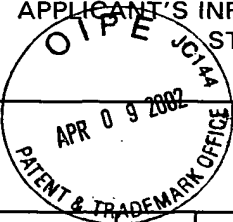
FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Hadlaczký, *et al.*FILING DATE
November 28, 2000GROUP
1632

APR 15 2002

TECH CENTER 1600/2900

RECEIVED



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>gh</i>	A	5	0	8	1	0	1	8	01/14/92	Grummt et al.	435	69.1	02/13/91

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
<i>gh</i>	B	9	8	1	3	5	0	5	04/02/98	PCT	C12N 15	82		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DR. GEORGIA HELMEP

EXAMINER

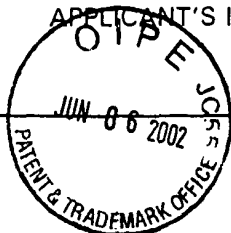
DATE CONSIDERED

1/10/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

April 5, 2002

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
HADLACZKY et al.FILING DATE
November 28, 2000GROUP
1632

TECH CENTER 1600/2900

JUN 10 2002

RECEIVED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
gh	A	4	7	3	6	8	6	6	04/12/88	Leder et al.	800	1	06/22/84
	B	4	8	0	1	5	4	0	01/31/89	Hiatt et al.	435	172.3	01/02/87
	C	5	7	2	1	3	6	7	02/24/98	Kay et al.	800	2	06/05/95

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation	
	D	0	2	0	8	4	9	1	01/14/87	A2				
	E	0	2	4	7	4	9	4	12/02/87	A2				
	F	0	2	6	4	1	6	6	04/20/88	A1				
	G	0	2	7	9	5	8	2	08/24/88	A2				
	H	0	8	3	8	5	2	6	04/29/98	EPO				
	I	8	2	0	4	4	4	3	12/23/82	PCT				
	J	8	8	0	1	6	4	8	03/10/88	PCT				
	K	8	8	0	0	2	3	9	01/14/88	PCT				
	L	8	9	0	9	2	1	9	10/05/89	PCT				
	M	9	1	0	5	0	4	4	04/18/91	PCT				
	N	9	2	0	7	0	8	0	04/30/92	PCT				
	O	9	2	1	4	8	1	9	09/03/92	PCT				
	P	9	5	2	2	2	9	7	11/30/95	PCT				
gh	Q	9	8	0	8	9	6	4	03/05/98	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

gh	R	deJong et al., "Mammalian artificial chromosome pilot production facility: large-scale isolation of functional satellite DNA-based artificial chromosomes", <i>Cytometry</i> , 35:129-133 (1999)
----	---	--

EXAMINER

DR. GEORGIA HELMER

DATE CONSIDERED

11/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**

FORM-PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
HADLACZKY et al.FILING DATE
November 28, 2000GROUP
1632

JUN 10 2002

TECH CENTER 1600/2900

RECEIVED



OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

gh	S	DIALOG Abstract 007389041, citing: EP 0254 315
	T	DIALOG Abstract 007268905, citing: EP 0240 373 A1
	U	Green <i>et al.</i> , "Systematic screening of yeast artificial-chromosome libraries by use of the polymerase chain reaction", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :1213-1217 (1990)
	V	Ikeno <i>et al.</i> , "Construction of YAC-based mammalian artificial chromosomes", <i>Nature Biotech.</i> , <u>16</u> :431-439 (1998)
	W	Ioannou, <i>et al.</i> , "A new bacteriophage P1-derived vector for the propagation of large human DNA fragments", <i>Nature Genetics</i> , <u>6</u> :84-89 (1994)
	X	McCormick <i>et al.</i> , Construction of human chromosome 21-specific yeast artificial chromosomes, <i>Proc. Natl. Acad. Sci. USA</i> 86:9991-9995 (1989)
	Y	Miller <i>et al.</i> , "High-efficiency ligation and recombination of DNA fragments by vertebrate cells", <i>Science</i> , <u>220</u> :606-609 (1983)
	Z	Pluta <i>et al.</i> , "Structure of the human centromere at metaphase", <i>TIBS</i> , <u>15</u> :181-185 (1990)
	AA	Robertson <i>et al.</i> , "Germ-line transmission of genes introduced into cultured pluripotent cells by retroviral vector", <i>Nature</i> , <u>323</u> :445-448 (1986)
	AB	Roth <i>et al.</i> , "Illegitimate Recombination in Mammalian Cells", Chapter 21 621-653
	AC	Schneider <i>et al.</i> , "Procedure for production of hybrid genes and proteins and its use in assessing significance of amino acid differences in homologous tryptophan synthetase α polypeptides", <i>Proc. Natl. Acad. Sci. USA</i> , <u>78</u> (4):2169-2173 (1981)
	AD	Sternberg, "Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :103-107 (1990)
gh	AE	Weber <i>et al.</i> , "Formation of genes coding for hybrid proteins by recombination between related, cloned genes in <i>E. coli</i> ", <i>Nuc Acids Res</i> , <u>11</u> (16):5661-5669 (1983)

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**

FORM PTO-149 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
HADLACZKY *et al.*FILING DATE
November 28, 2000GROUP
1632

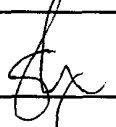

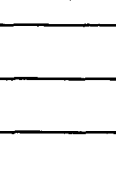
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	4	6	5	6	1	3	4	04/07/87	Ringold	463	91	04/12/85

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B	Ascenzioni <i>et al.</i> , "Mammalian artificial chromosomes-vectors for somatic gene therapy", <i>Cancer Lett.</i> , 118:135-142 (1997)
	C	Hadlaczký, "Satellite DNA-based artificial chromosomes for use in gene therapy", <i>Curr. Opin. Mol. Ther.</i> , 3:125-132 (2001)
	D	Saffery and Choo, "Strategies for engineering human chromosomes with therapeutic potential", <i>J. Gene Med.</i> , 4:5-13 (2002)

RECEIVED

SEP 10 2002

TECH CENTER 1600/2900

DR. GEORGIA HELMER

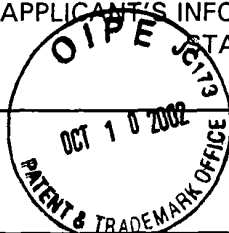
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**

FORM PTO-449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
HADLACZKY *et al.*FILING DATE
November 28, 2000GROUP
1632

TECH CENTER 1600/2900

OCT 16 2002

RECEIVED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A	Certified English translation of the Chinese article: Fu <i>et al.</i> "A Molecular Cytogenetic Study of an Extra Small Chromosome", <i>Acta Genetica Sinica</i> 19(4): 294-297 (1992)
	B	Fu <i>et al.</i> , Molecular cytogenetic study of an extra small chromosome, (CHINA), <i>Acta Genetica Sinica</i> 19(4):294-297 (1992).

DR. GEORGIA HELIKER

EXAMINER

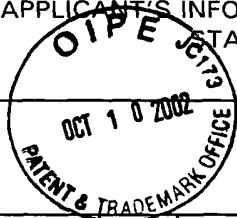
DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-402ESERIAL NO.
09/724,726LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
HADLACZKY *et al.*FILING DATE
November 28, 2000GROUP
1632

TECH CENTER 1600/2900

OCT 16 2002

RECEIVED

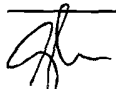
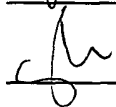
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A	Certified English translation of the Chinese article: Fu <i>et al.</i> "A Molecular Cytogenetic Study of an Extra Small Chromosome", <i>Acta Genetica Sinica</i> 19(4): 294-297 (1992)
	B	Fu <i>et al.</i> , Molecular cytogenetic study of an extra small chromosome, (CHINA), <i>Acta Genetica Sinica</i> 19(4):294-297 (1992).

DR. GEORGIA HELMER

EXAMINER

DATE CONSIDERED

1/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES**